

ABSTRACT

An automated system for generating an analysis of a CAD drawing and annotating the drawing. In one embodiment, the invention is an application for a computer comprising a virtual area locator for a computer drawing. In another aspect, the invention is a method for marking a computer aided design drawing using a processing device. The method includes the steps of: finding at least one reference vector in the drawing; determining an area definition based on drawing data relative to said reference vector; and marking said drawing to indicate a area definition. The step of finding a reference vector may include defining a door gap.